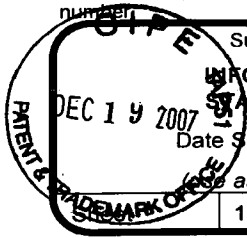


Receipt date: 12/19/2007

10567139 PRO/SB/KD-0656
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: December 19, 2007

(as many sheets as necessary)

1

of

26

Complete if Known

Application Number	10/567,139
Filing Date	08/06/2004
First Named Inventor	Jean Michel MARTIN
Art Unit	3682
Examiner Name	Unassigned
Attorney Docket Number	023971-0642

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	US-1,461		HALL ET AL.	
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Examiner
Signature

/James Pilkington/

Date
Considered

06/22/2009

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Receipt date: 12/19/2007

10567139 SA 09-0656

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 19, 2007 <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number Filing Date First Named Inventor Art Unit Examiner Name Attorney Docket Number	10/567,139 08/06/2004 Jean Michel MARTIN 3682 Unassigned 023971-0642
Sheet	2	of	26

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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: December 19, 2007

(use as many sheets as necessary)

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Application Number	10/567,139
Filing Date	08/06/2004
First Named Inventor	Jean Michel MARTIN
Art Unit	3682
Examiner Name	Unassigned
Attorney Docket Number	023971-0642

Sheet 3 of 26

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Examiner
Signature

/James Pilkington/

Date
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06/22/2009

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Date Submitted: December 19, 2007		Filing Date	08/06/2004
(use as many sheets as necessary)		First Named Inventor	Jean Michel MARTIN
		Art Unit	3682
		Examiner Name	Unassigned
Sheet	4	Attorney Docket Number	023971-0642
	of 26		

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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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	A177	US-5,653,300-	08-05-1997	LUND ET AL.	
	A178	US-5,669,144-	09-23-1997	HAHN ET AL.	
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	A180	US-5,688,557-	11-18-1997	LEMELSON ET AL.	
	A181	US-5,707,409-	01-13-1998	MARTIN ET AL.	
	A182	US-5,714,202-	02-03-1998	LEMELSON ET AL.	
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	A185	US-5,731,046-	03-24-1998	MISTRY ET AL.	
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	A188	US-5,775,817-	07-07-1998	GOTTEMOLLER ET AL.	
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	A192	US-5,794,801-	08-18-1998	LEMELSON	
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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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Receipt date: 12/19/2007

10567139 to GRA 09-08 0656

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 19, 2007 (use as many sheets as necessary)		Complete if Known	
		Application Number Filing Date First Named Inventor Art Unit Examiner Name Attorney Docket Number	10/567,139 08/06/2004 Jean Michel MARTIN 3682 Unassigned 023971-0642
Sheet	6	of	26

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	Document Number			
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	A213	US-5,967,250-	10-19-1999	LUND ET AL.
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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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Receipt date: 12/19/2007

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 19, 2007 (use as many sheets as necessary)				Complete if Known	
				Application Number	10567,139
				Filing Date	08/06/2004
				First Named Inventor	Jean Michel MARTIN
				Art Unit	3682
				Examiner Name	Unassigned
				Attorney Docket Number	023971-0642
Sheet	7	of	26		

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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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10567139 PTO/SB/08 (09-06) 6656

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Complete if Known

Application Number	10/567,139
Filing Date	08/06/2004
First Named Inventor	Jean Michel MARTIN
Art Unit	3682
Examiner Name	Unassigned

Attorney Docket Number	023971-0642
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Attorney Docket Number 023971-0642

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A324	US-6,695,865-B2	02-24-2004	BOYLE ET AL.
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A334	US-6,740,393-	05-25-2004	MASSLER ET AL.
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06/22/2009

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Date Submitted: December 19, 2007		Filing Date	08/06/2004
(use as many sheets as necessary)		First Named Inventor	Jean Michel MARTIN
		Art Unit	3682
		Examiner Name	Unassigned
		Attorney Docket Number	023971-0642
Sheet	9	of	26

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	A344	US-6,800,242	06-20-2005	SHIRAHAMA ET AL.	
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	A349	US-6,822,788-B2	11-23-2004	BLITSTEIN	
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UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number-Kind Code ² (if known)			
	A373	10/911741	05-05-2004	UENO	

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Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 19, 2007 <i>(use as many sheets as necessary)</i>				Complete If Known	
Application Number				10/567,139	
Filing Date				08/06/2004	
First Named Inventor				Jean Michel MARTIN	
Art Unit				3682	
Examiner Name				Unassigned	
Attorney Docket Number				023971-0642	
Sheet	10	of	26		

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	A374	WO-00/22613-A1	04-20-2000	MINNESOTA MINING AND MANUFACTURING COMPANY		
	A375	WO-00/24554-A1	05-04-2000	MCNEIL-PPC, INC.		
	A376	WO-00/25410-A1	05-04-2000	KUHLMANN-WILSDORF		
	A377	WO-00/28142-A1	05-18-2000	VALMET CORP.		
	A378	WO-00/33051-A1	06-08-2000	NESTE CHEMICALS OY		
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	A381	WO-00/47402-A1	08-17-2000	ADVANCED REFRACTORY TECHNOLOGIES, INC.		
	A382	WO-00/55385-A1	09-21-2000	TEER COATINGS LIMITED		
	A383	WO-00/56127-A1	09-21-2000	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA		
	A384	WO-00/56393-A1	09-28-2000	SECOND SIGHT, LLC		
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	A388	WO-00/78504-A1	12-28-2000	SPEEDFAM-IPEC CORP.		
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	A392	WO-01/14745-A1	03-01-2001	FLEXCON INDUSTRIES		
	A393	WO-01/26862-A1	04-19-2001	HUNATECH CO., LTD.		
	A394	WO-01/37631-A2	05-31-2001	CERAMOPTEC INDUSTRIES, INC.		
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	A398	WO-01/61182-A1	08-23-2001	CATERPILLAR INC.		
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	A401	WO-01/63639-A1	08-30-2001	ENERGY CONVERSION DEVICES, INC.		

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				First Named Inventor	Jean Michel MARTIN
				Art Unit	3682
				Examiner Name	Unassigned
				Attorney Docket Number	023971-0642
Sheet	11	of	26		

FOREIGN PATENT DOCUMENTS						
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	A403	WO-01/79583-A2	10-25-2001	TECHNOLOGY INTERNATIONAL, INC.		
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	A428	WO-03/095009-A1	11-20-2003	PERLOS OYJ		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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		First Named Inventor	Jean Michel MARTIN
		Art Unit	3682
		Examiner Name	Unassigned
Sheet	12	of	26
		Attorney Docket Number	023971-0642

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	A432	JP-05-070879-A	03-23-1993	HONDA MOTOR CO., LTD.		
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	A447	GB-1 005 638-	09-22-1965	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ N.V.		
	A448	DE-100 61 397-A1	05-08-2002	DESCH ANTRIEBSTECHNIK GMBH & C		
	A449	JP-10-088369-A	04-07-1998	SANYO ELECTRIC CO.		
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	A451	EP-1 018 291-B1	10-02-2002	MINNESOTA MINING AND MANUFACTURING COMPANY		
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	A454	DE-103 18 135-A1	11-06-2003	DENSO CORP		
	A455	DE-103 37 559-A1	03-10-2005	STANKIEWICZ GMBH		
	A456	EP-1 034 320-B1	12-19-2001	MINNESOTA MINING AND MANUFACTURING COMPANY		

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		Art Unit	3682
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Attorney Docket Number	023971-0642		
Sheet	13	of	26

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	A457	EP-1 063 085-A1	12-27-2000	PREMARK RWP HOLDINGS, INC.		
	A458	EP-1 067 211-A1	01-10-2001	SUMITOMO ELECTRIC INDUSTRIES, LTD.		
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	A471	EP-1 183 470-B1	03-06-2002	IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE		
	A472	EP-1 184 480-A2	03-06-2002	PREMARK RWP HOLDINGS, INC.		
	A473	EP-1 190 791-A3	04-03-2002	CAMCO INTERNATIONAL (UK) LIMITED		
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	A475	EP-1 233 054-A1	08-21-2002	ETHYL CORPORATION		
	A476	EP-1 281 513-A2	02-05-2003	PREMARK RWP HOLDINGS, INC.		
	A477	EP-1 300 608-A2	04-09-2003	TSUBAKIMOTO CHAIN CO.		
	A478	EP-1 311 885-B1	03-23-2005	3M INNOVATIVE PROPERTIES COMPANY		
	A479	EP-1 338 641-B1	05-17-2006	NISSAN MOTOR CO., LTD.		
	A480	EP-1 340 605-A1	09-03-2003	MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD.		
	A481	EP-1 365 141-A1	11-26-2003	SIEMENS DIESEL SYSTEMS TECHNOLOGY VDO		
	A482	EP-1 378 271-A1	01-07-2004	MIZUNO CORPORATION		

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Sheet	14	of	26		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	A483	EP-1 411 145-A1	04-21-2004	NISSAN MOTOR COMPANY, LIMITED		
	A484	EP-1 418 353-A2	05-12-2004	NISSAN MOTOR COMPANY, LIMITED, ET AL.		
	A485	EP-1 440 775-A1	07-28-2004	THE GILLETTE COMPANY		
	A486	EP-1 445 119-A1	08-11-2004	FUJI PHOTO FILM CO., LTD.		
	A487	EP-1 475 557-A1	11-10-2004	DRESSER-RAND COMPANY		
	A488	EP-1 481 699-A1	12-01-2004	M. GOLDOWSKY		
	A489	EP-1 482 190-A2	12-01-2004	NISSAN MOTOR CO., LTD.		
	A490	EP-1 498 597-A1	07-17-2003	SOREVI S.A.		
	A491	EP-1 510 594-A2	03-02-2005	NISSAN MOTOR CO., LTD., ET AL.		
	A492	EP-1 512 781-A2	03-09-2005	L.G.I. ELECTRONICS S.P.A.		
	A493	RU-1770350-A1	10-23-1992	SHEBALIN ALEKSANDR, ET AL.		
	A494	DE-195 07 086-A1	09-05-1996	DANFOSS A/S		
	A495	DE-195 07 086-C2	09-05-1996	DANFOSS A/S		
	A496	DE-197 04 224-A1	08-21-1997	VOLKSWAGN AG		
	A497	DE-198 25 860-A1	12-16-1999	ELGAN- DIAMANTWERKZEUGE GMBH & CO.		
	A498	JP-2000-088104-A	03-31-2000	NISSAN MOTOR CO., LTD.		
	A499	JP-2000-119843-A	04-25-2000	KOBE STEEL LTD.		
	A500	JP-2000-170768-A	06-20-2000	EAGLE IND. CO., LTD.		
	A501	JP-2000-267373-A	08-24-2000	MIYAKE SHOURO, ET AL.		
	A502	JP-2000-327484-A	11-28-2000	KAWASAKI HEAVY IND.		
	A503	JP-2000-339083-A	12-08-2000	SANYO ELECTRIC CO., LTD.		
	A504	JP-2000-504089-A	04-04-2000			
	A505	JP-2001-062605-A	03-13-2001	SUMITOMO ELECTRIC IND. LTD.		
	A506	JP-2001-064005-A	03-13-2001	SUMITOMO ELECTRIC IND. LTD.		
	A507	JP-2001-093141-A	04-06-2001	FUJITSU LTD.		
	A508	JP-2001-172766-A	06-26-2001	SUMITOMO ELECTRIC IND., LTD.		
	A509	JP-2001-192864-A	07-17-2001	SUMITOMO ELECTRIC IND.		
				LTD.		
	A510	JP-2001-269938-A	10-02-2001	SUMITOMO ELECTRIC INDUSTRIES		
	A511	JP-2001-280236-A	10-10-2001	TAIHO KOGYO CO., LTD.		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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Receipt date: 12/19/2007

10567139 TO/SA/09-05 0656

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/567,139
				Filing Date	08/06/2004
Date Submitted: December 19, 2007				First Named Inventor	Jean Michel MARTIN
				Art Unit	3682
(use as many sheets as necessary)				Examiner Name	Unassigned
				Attorney Docket Number	023971-0642
Sheet	15	of	26		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	A512	JP-2004-046886-A	11-10-2004	SHOJIRO MIYAKE ET AL.		
	A513	JP-2002-265968-A	09-18-2002	IINO ET AL.		
	A514	JP-2002-309912-A	10-23-2002	NISSAN MOTOR CO., LTD., ET AL.		
	A515	JP-2002-332571-A	11-22-2002	DENSO CORP. ET AL.		
	A516	JP-2003-013163-A	01-15-2003	TOYOTA MOTOR CORP.		
	A517	JP-2003-013799-A	01-15-2003	HONDA MOTOR CO., LTD.		
	A518	JP-2003-025117-A	01-29-2003	NACHI FUJIKOSHI CORP.		
	A519	JP-2003-028174-A	01-29-2003	NSK LTD		
	A520	JP-2003-088939-A	03-25-2003	SUMITOMO ELECTRIC IND., LTD.		
	A521	JP-2003-113941-A	04-18-2003	NIPPON PISTON RING CO LTD.		
	A522	JP-2003-147508-A	05-21-2003	SUMITOMO ELECTRIC INDUSTRIES		
	A523	WO-2004/001804-A2	12-31-2003	BYRON J. ZIEGLER		
	A524	WO-2004/004998-A1	01-15-2004	SIGNATURE CONTROL SYSTEMS, INC.		
	A525	WO-2004/019809-A2	03-11-2004	BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS		
	A526	WO-2004/024206-A1	03-25-2004	ESTROGEN VASCULAR TECHNOLOGY, LLC		
	A527	WO-2004/026359-A1	04-01-2004	ADVANCED CARDIOVASCULAR SYSTEMS, INC.		
	A528	WO-2004/026500-A2	04-01-2004	ENVENTURE GLOBAL TECHNOLOGY		
	A529	WO-2004/036169-A1	04-29-2004	HELIX TECHNOLOGY CORPORATION		
	A530	WO-2004/036292-A2	04-29-2004	INTELLIMATS, LLC		
	A531	WO-2004/038701-A2	05-06-2004	BARNES ET AL.		
	A532	WO-2004/043631-A1	05-27-2004	HONEYWELL INTERNATIONAL INC.		
	A533	WO-2004/048126-A2	06-10-2004	FROST INC.		
	A534	WO-2004/067466-A1	08-12-2004	3M INNOVATIVE PROPERTIES CO.		
	A535	WO-2004/068530-A1	08-12-2004	3M INNOVATIVE PROPERTIES CO.		
	A536	WO-2004/071670-A1	08-26-2004	SCION SPRAYS LIMITED		
	A537	WO-2004/072959-A2	08-26-2004	INTEVAC, INC.		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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10567139 TO/SA/09-09 0656

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 19, 2007 (use as many sheets as necessary)				Complete if Known	
				Application Number	10/567,139
Sheet <u>16</u> of <u>26</u>				Filing Date	08/06/2004
				First Named Inventor	Jean Michel MARTIN
				Art Unit	3682
				Examiner Name	Unassigned
				Attorney Docket Number	023971-0642

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	A538	WO-2004/078424-A2	09-16-2004	IRWIN INDUSTRIAL TOOL COMPANY		
	A539	WO-2004/084773-A1	10-07-2004	L. FEIWELL		
	A540	WO-2004/088113-A1	10-14-2004	SOREVI S.A.		
	A541	JP-2004-036788-A	02-05-2004	NSK LTD		
	A542	JP-2004-155891-A	06-03-2004	NIPPON OIL CORP., ET AL.		
	A543	RU-2004586-C1	12-15-1993	TRANSNATSIONALNAYA MEZHOTRASLE, ET AL.		
	A544	WO-2005/010596-A2	02-03-2005	CORNING INCORPORATED		
	A545	WO-2005/011744-A2	02-10-2005	ALCON, INC.		
	A546	WO-2005/014760-A1	02-17-2005	NIPPON OIL CORP., ET AL.		
	A547	WO-2005/014761-A2	02-17-2005	NISSAN MOTOR CO., LTD., ET AL.		
	A548	WO-2005/014763-A1	02-17-2005	NIPPON OIL CORPORATION, ET AL.		
	A549	WO-2005/014882-A1	02-17-2005	N.V. BEKAERT S.A.		
	A550	WO-2005/016620-A2	02-24-2005	STANKIEWICHZ GMBH		
	A551	WO-2005/021851-A1	03-10-2005	N.V. BEKAERT S.A.		
	A552	WO-2005/025844-A1	03-24-2005	NEW MEDIUM ENTERPRISES, INC. ET AL.		
	A553	WO-2005/034791-A1	04-21-2005	F. SHAYGAN		
	A554	WO-2005/037144-A2	04-28-2005	CELLULAR BIOENGINEERING, INC.		
	A555	WO-2005/037985-A2	04-28-2005	CELLULAR BIOENGINEERING, INC.		
	A556	WO-2005/040451-A1	05-06-2005	V. GOROKHOVSKY		
	A557	WO-2005/042064-A1	05-12-2005	VENTRACOR LIMITED ET AL.		
	A558	WO-2005/047737-A1	05-26-2005	THE TIMKEN COMPANY		
	A559	JP-2005-068529-A	03-17-2005	NAT INST OF ADV IND & TECHNOLOGY		
	A560	WO-2006/075219-A2	07-20-2006	NISSAN MOTOR CO., LTD., ET AL.		
	A561	CA-2009582-	08-24-1990	MCDONNELL DOUGLAS CORPORATION		
	A562	RU-2153782-C1	07-27-2000	S LTD ET AL.		
	A563	GB-2 338 716-A	12-29-1999	MCLAUGHLIN ET AL.		
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	A565	EP-0 286 996-A3	10-19-1988	IDEMITSU KOSAN CO., LTD.		
	A566	EP-0 291 006-B1	01-02-1992	IDEMITSU KOSAN CO., LTD.		
	A567	EP-0 299 785-A2	01-18-1989	ETHYL CORPORATION		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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10567139 TO: SP-AB (09-056)

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Substitute for form 1449/PTO				Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 19, 2007 <i>(use as many sheets as necessary)</i>				Application Number		10/567,139
				Filing Date		08/06/2004
				First Named Inventor		Jean Michel MARTIN
				Art Unit		3682
				Examiner Name		Unassigned
Sheet	17	of	26	Attorney Docket Number		023971-0642

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	A568	EP-0 308 143-A1	03-22-1989	AMERICAN TELEPHONE AND TELEGRAPH COMPANY		
	A569	EP-0 308 143-B1	11-24-1993	AMERICAN TELEPHONE AND TELEGRAPH COMPANY		
	A570	EP-0 333 416-A1	09-20-1989	HONDA GIKEN KOGYO KABUSHIKI KAISHA		
	A571	EP-0 378 378-B1	01-04-1995	FORD MOTOR COMPANY LIMITED, ET AL.		
	A572	EP-0 384 772-A1	08-29-1990	MCDONNELL DOUGLAS CORP.		
	A573	EP-0 388 800-B1	12-27-1996	THE BOARD OF TRUSTEES OF THE MICHIGAN STATE UNIVERSITY		
	A574	EP-0 388 800-A2	09-26-1990	THE BOARD OF TRUSTEES OF THE MICHIGAN STATE UNIVERSITY		
	A575	EP-0 391 125-B1	10-17-1990	SHIN-ETSU CHEMICAL CO., LTD.		
	A576	EP-0 392 125-A1	10-17-1990	SHIN-ETSU CHEMICAL CO., LTD.		
	A577	EP-0 396 603-B1	06-26-1996	SUOMEN ITSENAISYYDEN JUHLARAHASTO SITRA		
	A578	EP-0 398 985-B1	11-28-1990	BRITISH TECHNOLOGY GROUP LIMITED		
	A579	EP-0 407 977-A1	01-16-1991	IDEMITSU KOSAN COMPANY LIMITED		
	A580	EP-0 435 312-A1	07-03-1991	KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO		
	A581	EP-0 474 369-A1	03-11-1992	UNITED KINGDOM ATOMIC ENERGY AUTHORITY		
	A582	EP-0 474 369-B1	03-05-1997	UNITED KINGDOM ATOMIC ENERGY AUTHORITY		
	A583	EP-0 500 253-A1	08-26-1992	SUMITOMO ELECTRIC INDUSTRIES, LTD.		
	A584	EP-0 511 153-A1	10-28-1992	MULTI-ARC SCIENTIFIC COATINGS		
	A585	JP-52-006318-	01-18-1977	NIPPON PISTON RING CO., LTD.		
	A586	EP-0 529 327-A1	03-03-1993	HOECHST CERAM TEC AG		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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10567139/PTO/SB/08/09-08 10566

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 19, 2007 <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/567,139
				Filing Date	08/06/2004
				First Named Inventor	Jean Michel MARTIN
				Art Unit	3682
				Examiner Name	Unassigned
				Attorney Docket Number	023971-0642
Sheet	18	of	26		

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	A587	EP-0 546 824-A1	06-16-1993	AMERICAN TELEPHONE AND TELEGRAPH COMPANY		
	A588	EP-0 573 943-A1	12-15-1993	AIR PRODUCTS AND CHEMICALS, INC.		
	A589	EP-0 582 676-B1	03-22-2000	THE GILLETTE COMPANY		
	A590	EP-0 619 504-A1	10-12-1994	OPTIK G		
	A591	JP-62-111106-A	05-22-1987	M H CENTER:KK		
	A592	EP-0 621 136-A2	10-26-1994	XEROX CORPORATION		
	A593	EP-0 624 353-A3	11-17-1994	MINNESOTA MINING AND MANUFACTURING COMPANY		
	A594	EP-0 624 353-B1	02-24-1999	MINNESOTA MINING AND MANUFACTURING COMPANY		
	A595	EP-0 624 354-B1	12-08-1999	MINNESOTA MINING AND MANUFACTURING COMPANY		
	A596	EP-0 624 354-A3	11-17-1994	MINNESOTA MINING AND MANUFACTURING COMPANY		
	A597	JP-63-021209-A	01-28-1988	MATSUSHITA ELECTRIC IND CO LTD		
	A598	JP-63-288994-A	11-25-1988	MATSUSHITA ELECTRIC IND CO LTD		
	A599	DE-6 43 034-	03-22-1937	TITO BRUNETTI		
	A600	EP-0 647 318-B1	03-03-1999	THE VICTORIA UNIVERSITY OF MANCHESTER		
	A601	EP-0 651 069-B1	05-03-1995	VLAAMSE INSTELLING VOOR TECHNOLOGOGISCH ONDERZOEK		
	A602	EP-0 651 069-A1	05-03-1995	VLAAMSE INSTELLING VOOR TECHNOLOGY ONDERZOEK		
	A603	EP-0 652 301-A1	05-10-1995	MINNESOTA MINING AND MANUFACTURING COMPANY		
	A604	EP-0 652 301-B1	10-07-1995	MINNESOTA MINING AND MANUFACTURING COMPANY		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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				Filing Date	08/06/2004
				First Named Inventor	Jean Michel MARTIN
				Art Unit	3682
				Examiner Name	Unassigned
				Attorney Docket Number	023971-0642
Sheet	19	of	26		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	A605	EP-0 656 458-B1	02-03-1999	BAKER HUGHES INCORPORATED		
	A606	EP-0 661 470-A2	07-05-1995	STARLITE CO., LTD.		
	A607	EP-0 751 190-B1	05-06-1999	GENERAL MOTORS CORP.		
	A608	EP-0 757 615-B1	02-12-1997	THE GILLETTE COMPANY		
	A609	EP-0 759 519-A2	02-26-1997	ALCAN GMBH		
	A610	GB-0 768 226-	02-13-1957	HOECHST AG		
	A611	EP-0 778 902-B1	09-12-2001	MINNESOTA MINING AND MANUFACTURING COMPANY		
	A612	EP-0 816 112-A3	10-07-1998	CORNING INCORPORATED		
	A613	EP-0 818 622-A1	01-14-1998	FORD GLOBAL TECHNOLOGIES, INC.		
	A614	EP-0 826 790-A1	03-04-1998	PREMARK RWP HOLDINGS, INC.		
	A615	EP-0 826 790-B1	03-04-1998	PREMARK RWP HOLDINGS, INC.		
	A616	EP-0 842 754-B1	03-31-2004	TORAY INDUSTRIES, INC.		
	A617	EP-0 842 754-A1	05-20-1998	TORAY INDUSTRIES, INC.		
	A618	EP-0 845 154-B1	11-10-1999	E.I DU PONT DE NEMOURS AND CO., ET AL.		
	A619	EP-0 850 126-B1	01-24-2001	WARNER-LAMBERT COMPANY		
	A620	EP-0 850 133-B1	07-01-1998	VINIDEX PTY. LTD.		
	A621	EP-0 862 395-B1	04-07-2004	WRIGHT MEDICAL TECHNOLOGY, INC.		
	A622	EP-0 870 820-A1	10-14-1998	CHEVRON CHEMICAL COMPANY LLC		
	A623	EP-0 882 759-B1	06-04-2003	TORAY INDUSTRIES, INC.		
	A624	EP-0 882 759-A1	12-09-1998	TORAY INDUSTRIES, INC.		
	A625	WO-89/06338-A1	07-13-1989	THE COMMONWEALTH OF AUSTRALIA		
	A626	WO-89/06707-A1	07-27-1989	THE NATIONAL RESEARCH DEVELOPMENT CORPORATION		
	A627	WO-89/06708-A1	07-27-1989	ANTTILA ET AL.		
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	A629	EP-0 905 221-A1	03-31-1999	NCH CORPORATION		
	A630	EP-0 905 419-A2	03-31-1999	TEIKOKU PISTON RING CO., LTD.		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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				First Named Inventor	Jean Michel MARTIN
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	A631	WO-92/02602-A1	02-20-1992	EXXON CHEMICAL PATENTS INC.		
	A632	WO-92/06843-A1	04-30-1992	DIAMONEX, INCORPORATED		
	A633	WO-92/19425-A2	11-12-1992	THE GILLETTE COMPANY		
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	A637	EP-0 949 200-A1	10-13-1999	R-AMTECH INTERNATIONAL, INC.		
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	A649	WO-96/40446-A1	12-19-1996	ADVANCED REFRACTORY TECHNOLOGIES, INC.		
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	A652	WO-97/10940-A1	03-27-1997	UPONOR B.V.		
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	A655	EP-0 971 812-B1	10-23-2002	UPONOR INNOVATION AB		

Examiner Signature	/James Pilkington/	Date Considered	06/22/2009
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				First Named Inventor	Jean Michel MARTIN
				Art Unit	3682
				Examiner Name	Unassigned
				Attorney Docket Number	023971-0642
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	A657	WO-98/12994-A1	04-02-1998	ERIKSSON, ET AL.		
	A658	WO-98/13528-A1	04-02-1998	KENNAMETAL INC.		
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	A672	WO-99/57743-A1	11-11-1999	GIVARGIZOV		
	A673	WO-99/62077-A1	12-02-1999	ADVANCED REFRACTORY TECHNOLOGIES, INC.		
	A674	WO-99/62572-A1	12-09-1999	N.V. BEKAERT S.A.		
	A675	IE-990532-A1	03-21-2001	PAUL DAMIAN MAGUIRE		
	A676	WO-2007/088649	08-09-2007	NISSAN MOTOR ET AL.		

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				Art Unit	3682
				Examiner Name	Unassigned
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	A681	"Carbon Steels for Machine Structural Use", Japanese Industrial Standard (JIS G 4051), 1979, pages 1-10.		
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	A689	"Standard Practice for Codification of Certain Nonferrous Metals and Alloys, Cast and Wrought ¹ ", ASTM International, Designation: B 275-02, June 2002, pages 1-7.	
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	A696	Dr. Marx, "Surfaces and Contact Mechanics", XP-002233233, Google, Retrieved from the Internet, 2003-03-03, pgs 1-18.	

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	A704	International Standard "Petroleum products - Determination of base number - Perchloric acid potentiometric titration method", ISO 3771, second edition 8-15-1994, pages 1-8.			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 19, 2007 <i>(use as many sheets as necessary)</i>		Application Number	10/567,139
		Filing Date	08/06/2004
		First Named Inventor	Jean Michel MARTIN
		Art Unit	3682
		Examiner Name	Unassigned
		Attorney Docket Number	023971-0642
Sheet	25	of	26

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A705	Japanese Industrial Standard "Aluminium Alloy Castings," JIS H5202, (1999), pp. 1-17.	
	A706	Japanese Industrial Standard Handbook, "Machine Elements", 2003, pages 262-286 and 2586.	
	A707	Japanese Industrial Standard, "High Carbon Chromium Bearing Steels", JIS G 4805, 1999, pages 1-21 (with translation).	
	A708	Japanese Industrial Standard, "Structural Steels with Specified Hardenability Bands", JIS G 4052, 1979, pages 2414, 2415, 1390-1403, 1410 and 1411.	
	A709	JIS Japanese Industrial Standard; "Surface Roughness - Definitions and Designation"; JIS B 0601; 1994. (w/Translation).	
	A710	JIS Japanese Industrial Standard; "Vickers Hardness Test - Test Method"; JIS Z 2244; 1998; (w/Translation).	
	A711	K. Holmberg et al., "Tribological Characteristics of Diamond-like Carbon Coatings," VTT Symposium, Technical Research Centre of Finland, XP000570636, 1994, pages 24-238.	
	A712	Kano et al., "Friction Characteristics of a Hard Carbon Film in Engine Oil, (No. 2) (Surface Analysis Result of Sliding Surface)," Japan Tribology Congress 1999, 5, pages 11-12.	

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 19, 2007 (use as many sheets as necessary)		Complete if Known <table border="1"> <tr> <td>Application Number</td> <td>10/567,139</td> </tr> <tr> <td>Filing Date</td> <td>08/06/2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Jean Michel MARTIN</td> </tr> <tr> <td>Art Unit</td> <td>3682</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>023971-0642</td> </tr> </table>		Application Number	10/567,139	Filing Date	08/06/2004	First Named Inventor	Jean Michel MARTIN	Art Unit	3682	Examiner Name	Unassigned	Attorney Docket Number	023971-0642
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	A713	Kano et al., "The Effect of ZDDP and MODTC Additives on Friction Properties of DLC and Steel Cam Follower in Engine Oil", Abstracts of Papers from 2nd World Tribology Congress, Sept. 3-7, 2001, page 342.	
	A714	Kovalchenko, A., et al., "Friction and Wear Performance of Low-Friction Carbon Coatings Under Oil Lubrication," Energy Technology Div., Argonne National Laboratory.	
	A715	Patent/Literature Search Report, Bawa Biotechnology Consulting, LLC, June 3, 2005 (201 pages).	
	A716	RONKAINEN, HELENA, "Tribological Properties of Hydrogenated and Hydrogen-Free Diamond-Like Carbon Coatings," Dissertation for the Degree of Doctor of Science in Technology, VTT Publications No. 434	
	A717	STEVE J. BULL et al., "High-Performance Diamond and Diamond-like Coatings", JOM, April 1995, pages 16-19, Vol. 47, No. 4, XP 000500980.	

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